EMOTIVA®

XPR-2

XPR-2
Stereo Reference Power Amplifier
User Manual

Important Safety Precautions and Explanation of Symbols

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important installation, operation, and service instructions in this manual.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltages within the enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the user.

Please read this manual thoroughly before attempting to install, configure, or operate the XPR-2. After successful installation and configuration of the XPR-2, be sure to retain this manual in a safe place for future reference.

Safety is a key component to a long lasting and trouble free installation. Please read and follow all instructions and heed all warnings on the XPR-2 and in this manual. The vast majority of the subsequent safety precautions are common sense. If you are not comfortable with the installation of audio/video entertainment equipment, you should seek the services of a qualified installation professional or call us for help.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THE XPR-2 NEAR WATER OR IN WET LOCATIONS, DO NOT EXPOSE IT TO RAIN OR MOISTURE, DO NOT EXPOSE IT TO DRIPPING OR SPLASHING FROM OTHER SOURCES, AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS (SUCH AS VASES) ARE PLACED ON IT. DOING SO MAY RESULT IN DAMAGE TO THE UNIT AND THE RISK OF ELECTRIC SHOCK, WHICH MAY RESULT IN BODILY INJURY OR DEATH.

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER FROM THE XPR-2. THERE ARE NO USER-SERVICEABLE PARTS INSIDE THE UNIT. REFER ALL SERVICE TO QUALIFIED SERVICE PERSONNEL.

WARNING: DANGEROUS VOLTAGES MAY BE PRESENT AT THE SPEAKER OUTPUT TERMINALS OF THE XPR-2 (AND ALL HIGH-POWERED AMPLIFIERS). TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT TOUCH UNINSULATED AREAS OF TERMINALS OR SPEAKER WIRES UNLESS THE AMPLIFIER IS TURNED OFF. DO NOT SHORT THE SPEAKER OUTPUTS OF THE XPR-2 TO EACH OTHER, OR TO OTHER EQUIPMENT, WHILE THE AMPLIFIER IS POWERED ON; SERIOUS EQUIPMENT DAMAGE OR INJURY MAY RESULT IF YOU DO.

To reduce the risk of electrical damage, verify that no short circuits are present between terminals and / or speaker wires before applying power.

Do not install the XPR-2 near or above any heat sources such as radiators, heating vents, or other apparatus that produces heat. Do not block any ventilation openings or heat sinks. Avoid installing the unit directly above other heat-producing equipment unless sufficient ventilation or forced-air cooling is provided.

Do not install the XPR-2 in locations without proper ventilation. The XPR-2 should not be operated on a bed, sofa, rug, or similar surface that may block vents. The unit should not be installed in an enclosed location such as a bookcase, cabinet, or closed equipment rack unless sufficient forced-air ventilation is provided.

Always install your XPR-2 according to the manufacturer's instructions and only use attachments or accessories specified by the manufacturer.

Do not install the XPR-2 on any stand, shelf, or other piece of furniture that is unable to support its weight. If a cart is used to move the unit, use caution to avoid injury from tip-over.

Connect the XPR-2 only to power sources of the correct voltage (as shown in this manual and on the XPR-2).

Protect power supply cables from being pinched, walked on, or otherwise damaged. Be especially careful where the power cable enters the power outlet and the unit.

Only connect the XPR-2 to an electrical outlet or extension cord of appropriate type and rating. MOST power strips and extension cords are NOT sufficient to safely supply the power required by the XPR-2. Using a power source of insufficient capacity will constitute a safety risk and also seriously compromise the performance of the XPR-2

DO NOT defeat the safety purpose of a grounding or polarized plug by removing ground pins or using unsafe adapters. A polarized plug has two blades - one wider than the other. A grounding plug has a third ground prong in addition to the two main conductors. The wide blade or third groundling prong is provided for your safety. If the provided plug does not fit your outlet, consult an electrician to replace your obsolete outlet. If you replace the power cord, only use one of similar type and equal or greater current rating.

The power cable for the XPR-2 should be unplugged from the outlet during severe electrical storms, or when unused for a long period of time.

Only replace the fuse(s) in the XPR-2 with fuse(s) of proper value and voltage rating.

WARNING: UNDER SOME OPERATING CONDITIONS, THE XPR-2 MAY CAUSE A FUSE OR CIRCUIT BREAKER IN YOUR BREAKER PANEL TO OPEN, WHICH INDICATES THAT THE XPR-2 IS ATTEMPTING TO DRAW MORE CURRENT THAN YOUR CIRCUIT CAN SAFELY SUPPLY. IF THIS OCCURS, DO NOT REPLACE THE BREAKER OR FUSE WITH ONE OF HIGHER RATING. DOING SO MAY RESULT IN THE POSSIBILITY OF FIRE OR ELECTRIC SHOCK, WHICH MAY RESULT IN SERIOUS INJURY OR DEATH.

The XPR-2 should only be cleaned as directed in the manual. Avoid spraying liquids directly onto the unit and NEVER spray liquids into the vents. Care should be taken so that small objects do not fall into the inside of the unit.

You should seek service for your XPR-2 by qualified service personnel if any of the following occur:
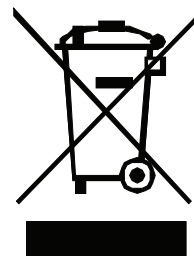
1. The power-supply cord or the plug has been damaged.
2. Objects or liquid have fallen or spilled into the vents.
3. The unit has been exposed to rain.
4. The unit exhibits a marked change in performance.
5. The unit has been dropped, or its enclosure or chassis is damaged.

WARNING: THE XPR-2 IS VERY HEAVY. THE XPR-2 SHOULD BE LIFTED BY TWO PERSONS, OR BY ONE PERSON WITH MECHANICAL ASSISTANCE. THE XPR-2 SHOULD ONLY BE PLACED ON TABLES, STANDS, OR SHELVES, OR MOUNTED IN RACKS, WITH A CAPACITY OF AT LEAST 200 POUNDS.

NOTE: TO COMPLETELY DISCONNECT THE XPR-2 FROM THE AC POWER MAINS, DISCONNECT THE AC POWER CORD FROM THE AC RECEPTACLE.

NOTE: THE POWER CORD ON THE XPR-2 MUST REMAIN READILY ACCESSIBLE AT ALL TIMES.

⚡ **CAUTION** ⚠

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

XPR-2 Stereo Reference Power Amplifier

Contents

Introduction

The XPR-2 Stereo Reference Power Amplifier quite simply delivers all the raw power, superb sound quality, cutting edge technology, and good looks that you would expect in a flagship stereo amplifier from Emotiva.

The XPR-2 can effortlessly deliver 600 watts per channel into 8 ohms and 1000 watts per channel into 4 ohms with both channels driven, at less than 0.1% THD (that's 2 kilowatts total into 4 ohms). At 1 watt, the distortion is a miniscule 0.0025%; and the S/N ratio is an impressive 118 dB below full power. The XPR-2's two high efficiency Optimized Class H™ power amplifier modules are powered by a massive 2.5 kVA toroidal power supply with 240,000 microfarads of energy storage.

An advanced ARM-7 microprocessor with a custom operating system continuously monitors operation, runs the high performance LED metering system, and controls the acoustically transparent high-speed protection circuitry. Gold-plated, machined, heavy duty input and output connectors ensure that signals are transferred with the utmost fidelity.

The XPR-2 faceplate, made of 25 millimeters of solid machined aluminum, sports a high-gloss black finish, and is tooled and polished like fine jewelry. A smoked polycarbonate display window conceals the LED display when it's not engaged, and the Emotiva logo laser engraved on the faceplate proudly proclaims the XPR-2's place in Emotiva's superlative new Reference amplifier line. Concealed blue accent lighting completes the picture of cool elegance and effortless performance.

This philosophy of raw power, quality construction, and precise control is at the heart of every component in the new Emotiva Reference Series. More important, however, is how the XPR-2 sounds: simply superb.

The Emotiva XPR-2: classic good looks; limitless power; precise control.
Experience it for yourself.

What are you waiting for?

Happy Listening

The Emotiva Team

About This Manual

This User Manual will provide you with all the information you need to get started enjoying your XPR-2 Stereo Reference Power Amplifier.

We suggest that you read through the entire manual; we kept things as short and direct as possible. Even if you're an expert user, you will probably find some interesting information and useful suggestions.

You may wish to keep a copy of this manual with your records, and record serial numbers or other purchase information on the Notes page at the back.

Features

The XPR-2 Stereo Reference Power Amplifier is a truly exceptional performer. It combines the power, reliability, and superb sound quality of a great audiophile amplifier with the features and aesthetics of a true audio showpiece.

Some of the features offered by the XPR-2 include:

- **Superb sound quality -** as with all Emotiva amplifiers, the XPR-2 was designed first and foremost to deliver outstanding sound quality.
- **Massive output power** - 600 watts per channel (x2) into 8 ohms; 1000 watts per channel into 4 ohms, of real continuous power; both channels driven.
- **Optimized Class H™ operation -** with independently tracking power supply rails, provides better efficiency and cooler operation than Class A/B (and even other types of Class H designs), with no sacrifice in sound quality.
- **Huge power supply** - with an enormous 2.5 kVA toroidal power transformer and 240,000 microfarads of energy storage, ensures stunning dynamic capabilities, and no loss of power under virtually any signal or load conditions.
- **Totally stable** - with virtually all real-world speaker loads.
- **Attractive styling -** which harmonizes well with virtually any audio system or room decor. The cool blue accent illumination and blue meter LEDs complement the high-gloss black of the front panel and trim; the accent lighting and meters can each be independently switched off (or dimmed in multiple steps) for times when you'd rather avoid distractions from your music or movie.
- **Super heavy duty audiophile speaker binding posts** - with clear acrylic insulators and heavy duty gold plated contacts; designed to accept heavy-gauge bare cables, lugs, or banana plugs.
- **High-quality gold-plated RCA input connectors** - ensure a perfect connection, and provide a rock-solid connection for even heavy audiophile interconnects.
- **True audiophile-grade fault protection** - is entirely transparent under normal conditions, yet protects the amp and your other equipment from virtually all common fault conditions.
- **Trigger Input and Trigger Output** - for linking to other trigger-enabled equipment.
- **Universal AC line voltage operation** -115 VAC or 230 VAC (auto-switching).
- **Fully transferable five-year warranty** - ensures that you'll be able to enjoy your XPR-2 for years to come.

You can find more information about the XPR-2 on our website at www.emotiva.com.
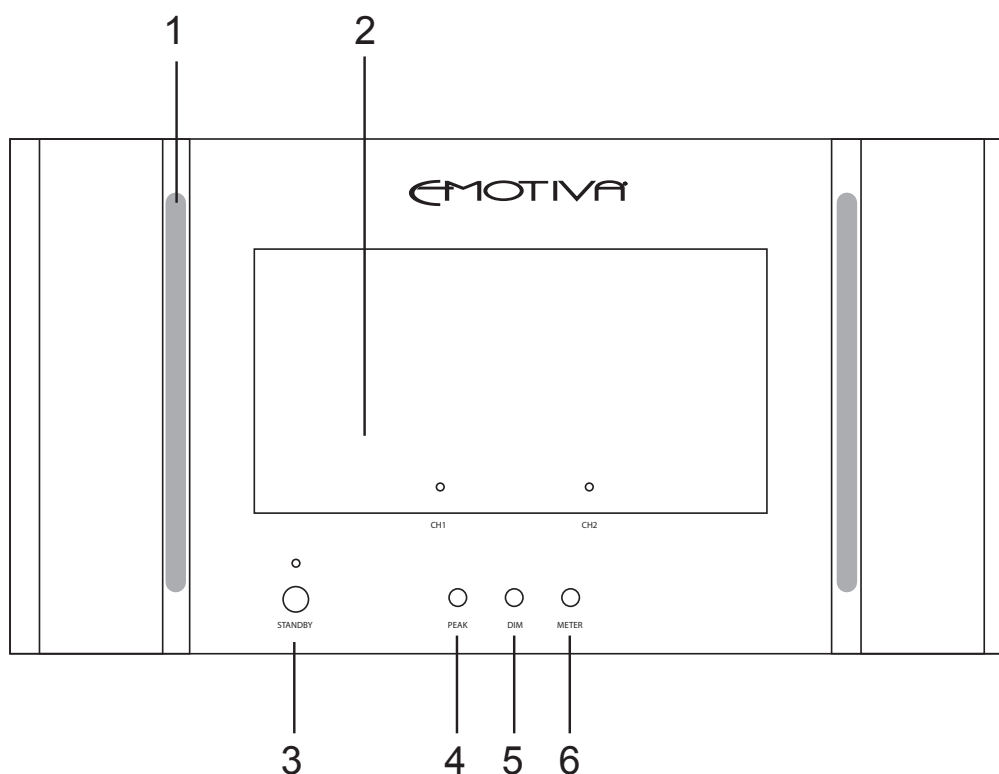
Unpacking

Your XPR-2 was carefully packed and should reach you in perfect condition. If you notice any shipping damage or other issues when you unpack it, please contact Emotiva immediately.

Gently remove your XPR-2 from the packing carton and remove all wrappings and shipping material.

It is important to save the boxes and all packing materials in case your power amp ever needs to be moved or shipped back to the factory for service.

We truly value customer feedback and would like to hear from you.

XPR-2 Front Panel

1. Accent Lighting

Blue accent lighting is provided by cool, long lived LEDs.

2. Channel Status and Meter LEDs

Each channel has a single Channel Status LED (the bottom one), and a blue LED Bargraph Meter above it. Either or both are active depending on the configuration chosen. If a fault occurs on one or both channels of the XPR-2, the LED above the Standby button, the Channel Status LEDs, and the LED Bargraph Meter LEDs associated with the channel that is reporting the fault will flash red.

3. Standby Button (and Power LED)

Press to switch the amplifier On; press again to return to Standby. The LED above the button will illuminate red for Standby, blue for On, and blinking red for a Fault condition.

4. Peak Button

Press once to switch the LED Bargraph Meters into Peak Meter mode; press again to select Peak Hold Mode.

5. Dim Button

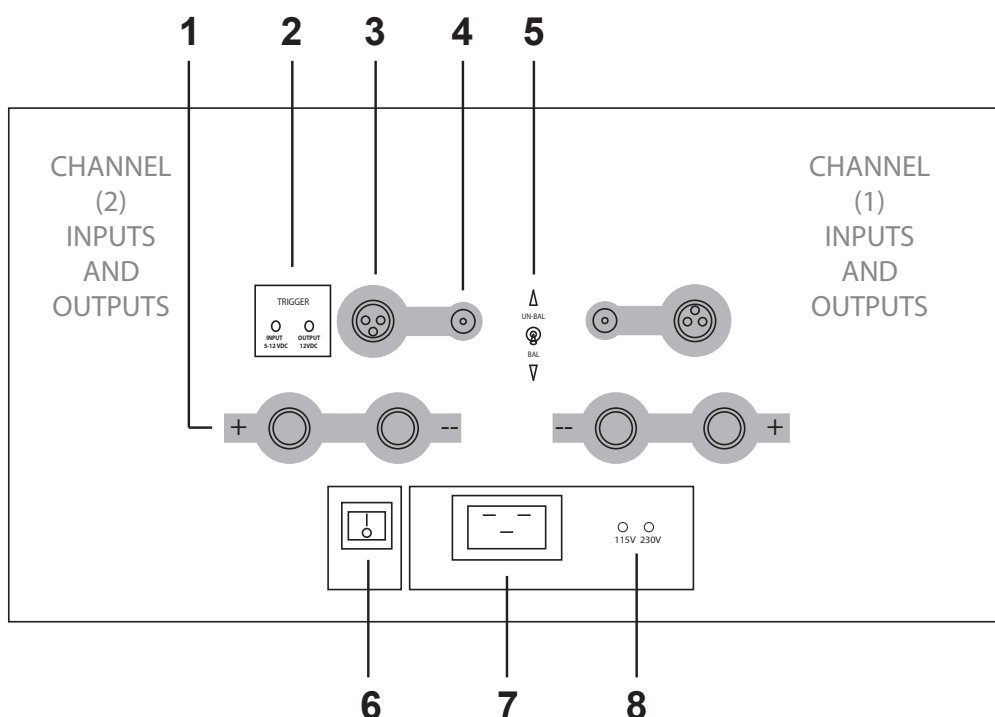Controls the brightness of the Accent Lighting and all LEDs (in four steps).

6. Meter Button

Press to switch between LED and Accent Lighting modes:

1) LED Bargraph Meters + Status LEDs + Accent Lighting.

2) Status LEDs only.

3) All lights and LEDs off.

4) Status LEDs only.

5) Status LEDs + Accent Lighting only.

Pressing the Meter button while at configuration 5) will return you to configuration 1).

XPR-2 Rear Panel

1. Speaker Terminals

Super heavy duty, audiophile-grade, gold plated, five-way binding posts, with clear acrylic insulation, accept the heaviest speaker cables and lugs as well as standard banana plugs and bare wire.

2. Trigger Input and Trigger Output

The XPR-2 is switched On (from Standby) when a trigger signal is presented at the Trigger Input; the XPR-2 returns to Standby when the trigger signal is removed. When the XPR-2 is on, a 12 VDC signal is sent from the Trigger Output to control other devices.

3. Balanced (XLR) Input

Standard XLR connector accepts a line level balanced input.

4. Unbalanced (RCA) Input

Gold plated, solid machined brass RCA jack accepts line level unbalanced input.
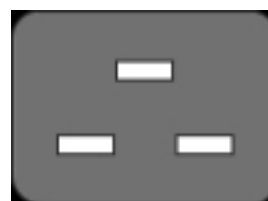
5. Input Selector Switch

Switches between Unbalanced (RCA) and Balanced (XLR) inputs (for both channels). Up selects the Unbalanced inputs and Down selects the Balanced inputs. Only one type of input is active at once. (It is acceptable to plug in both a balanced and an unbalanced source and use the switch to select between them, but only one will be active at once.)

6. AC Power Switch

Switches the main AC power to the XPR-2 On and Off. When this switch is off, no controls operate (the XPR-2 cannot be turned On from the front panel or trigger).

7. IEC Power Cord Receptacle

Accepts a standard IEC C19/C20 AC power cable and requires a dedicated 20 Amp high-current AC outlet. If you do not have an appropriate outlet, please contact your electrician to install one. Do not use plug adapters, and only use power cables of sufficient current capacity.

8. Power (Input Voltage) Indicator

The XPR-2 automatically switches between 115 VAC and 230 VAC operation. These LEDs indicate which voltage the XPR-2 has detected and configured itself to operate with.

Quick Start

To get the most from your XPR-2, we urge you to read the entire manual. If you just can't wait to listen to it, this section will cover the basics you need to get started.

- Find a secure location for your XPR-2. Make sure you choose a stand or shelf that can support the full weight of the XPR-2 safely.
- Connect the XPR-2 to your signal source.
- Connect the XPR-2 to a pair of 8 ohm or 4 ohm speakers using heavy gauge speaker wires (at least 12 gauge).
- Find some music you *really* like to listen to.
- Turn on the AC Power switch and turn up the volume a bit!
- Enjoy!

While you're enjoying your XPR-2, it would be a great time to read the rest of the manual to learn more about it.

Connections

⚠ A word about safety

The XPR-2 (and any very high powered audio amplifier) is capable of delivering large voltages and currents at its speaker terminals. If, while music is playing, the speaker terminals or speaker cables are inadvertently shorted to each other, to interconnect cables, or to ground, the XPR-2 can cause damage to associated equipment, and may even pose a risk of electric shock.

- Ensure that the XPR-2 is powered Off before changing any connections.
- Ensure that speaker wires are tightly secured before turning the XPR-2 On.
- Ensure that metal objects and stray wires do NOT come in contact with the speaker terminals (on the XPR-2 and on the speakers) while the XPR-2 is turned On.
- Ensure that speaker wires aren't frayed or damaged, and are well insulated (avoid using boutique speaker cables with thin or fragile insulation).

Choosing speaker cables

While the XPR-2 doesn't require special speaker cables, we strongly suggest that you use heavy-gauge cables with low resistance that are capable of carrying large amounts of current. Any standard cable of 10 gauge or heavier (lower gauge numbers are heavier) will work well. Avoid cables that fail to provide the electrical equivalent of a 12 gauge or heavier conductor. Using a cable that is too thin probably won't cause damage, but it will significantly degrade the sound produced by your speakers (it will make the bass on some speakers sound muddy and poorly controlled).

Connecting speakers to your XPR-2

The XPR-2 provides heavy duty gold plated audiophile grade five way binding posts for connecting one speaker to each channel.

- Always turn off the amplifier before connecting or disconnecting speaker cables or signal source interconnects.
- Always verify that your speaker cables are firmly attached and not shorted to each other or to any other cables before powering up your XPR-2.
- Always use high-quality speaker wire of reasonable gauge (10 gauge or heavier).
- Be careful to wire all speakers "in phase" (the plus/red terminal on each speaker to the plus/red terminal on your amp).
- Try to use wires of equal length and gauge for both speakers in each pair. Use the same gauge and length for both fronts, or for both surrounds; don't use a long 12 gauge wire for one speaker and a short 10 gauge wire for the other.
- If you use stranded cables, use care to avoid short circuits from stray strands touching.
- Emotiva offers very high quality pre-made speaker cables at reasonable prices. You will find them in the Interconnects section of our website at www.emotiva.com.

Connecting an input source to your XPR-2

Your XPR-2 amplifier has separate balanced (XLR) and unbalanced (RCA) inputs for each channel; a switch selects which input is active for each channel. Be sure to set this switch correctly. We suggest using reasonably high quality cables, keeping cables no longer than necessary, and avoiding running signal cables near power cables and speaker cables whenever possible.

DO NOT connect a digital signal to the inputs of your XPR-2 (or you may damage it or your speakers).

Connecting the Trigger Input and Trigger Output

The Trigger Input accepts a 12 VDC (nominal) trigger signal from another device via a standard 1/8" mono plug. When the trigger is asserted, the XPR-2 will switch On; when the trigger is removed, the XPR-2 will return to Standby mode. The Trigger Output sends out 12 VDC whenever the main power to the XPR-2 is On (and NOT when it is in Standby mode) which can be used to switch on other units with trigger capabilities.

Configuration and Operation

Line Voltage

The XPR-2 can operate from line voltages of 115 VAC +/- 10% or 230 VAC +/- 10%, and will automatically detect and switch between them. The Input Voltage LEDs on the rear panel indicate which voltage range has been detected.

AC Power Switch (rear panel)

The rear-panel AC Power switch controls the main AC power for your XPR-2. When this switch is in the Off position, the amplifier will not operate. Turning it On will put the XPR-2 into Standby mode.

Standby Switch (front panel push button)

When the XPR-2 is in Standby mode, the front panel Standby LED (directly above the switch) will be lit red. Pressing this button once will switch the XPR-2 On (and the LED will turn blue); pressing it again will return the XPR-2 to Standby mode.

Dim Button (front panel push button)

The Dim button controls the brightness of the blue accent lighting strips (vertical lights near the sides of the front panel) and the Status LEDs and LED Bargraph Meters. The button cycles between full brightness and dim in four steps each time it is pressed.

Meter Button (front panel push button)

The Meter button controls whether the LED Bargraph Meters, Status LEDs, and Accent Lights are lit. The button cycles through "all on", Status LEDs only, "all off", Status LEDs only, and Status LEDs plus Accent Lighting (but not Meters) each time it is pressed.

Peak Button (front panel push button)

The Peak button switches the LED Bargraph Meters between Peak and Peak Hold Modes.

Trigger

When a trigger cable is connected to the Trigger Input (on the rear panel), and a trigger signal is received (between 5-20 V - AC or DC), the XPR-2 will switch from Standby to On; when the trigger signal ceases, the XPR-2 will return to Off.

The trigger is typically connected to the preamp or pre/pro that provides a signal source for the XPR-2, and set to turn the XPR-2 on when the preamp or pre/pro is turned on.

Whenever the XPR-2 is On, the Trigger Output will assert a 12 VDC signal, which may be used to turn on other equipment.

Care and Maintenance

Periodic Maintenance

The XPR-2 power amplifier requires no periodic maintenance or calibration.

Cleaning the XPR-2

- If necessary, the XPR-2 should be cleaned gently with a soft rag.
- If something sticky gets on the front panel or case of the XPA-2, it should be cleaned with a mild cleaning solution applied to a soft rag, followed by wiping with a clean rag dampened with plain water and drying with a soft dry rag or cloth.
- Use only a soft cloth and AVOID abrasive cleaners or coarse cleaning cloths as they may scratch the finish.

Note: DO NOT spray water or cleaning solution directly onto the XPR-2 or into the vents.

Specifications

Topology:

Dual differential inputs on each channel, with fully discrete, high current, short signal path Class A/B Differential Reference power amplifier sections for each channel and Optimized Class-H™ power supply topology.

Number of Channels:

2

Power Output (rated power; THD < 0.1%):

600 watts / channel (x2); both channels driven; into 8 Ohms.
1000 watts / channel (x2); both channels driven; into 4 Ohms.

Rated Power Bandwidth (at rated power; 8 Ohm load):

20 Hz to 20 kHz + /- 0.1 dB.

Minimum Recommended Load Impedance (each channel):

4 Ohms (which equals one 4 Ohm load or two paralleled 8 Ohm loads per channel).

Frequency Response:

5 Hz to 80 kHz +0 / -3 dB.

THD + noise:

< 0.0025%

Signal to Noise Ratio (8 Ohm load):

> 118 dB at rated power (A-weighted).
> 93 dB at 1 watt (A-weighted).

Damping Factor (8 Ohm load):

> 500

Speaker Output Connections:

Super heavy-duty custom Emotiva speaker binding posts - with clear acrylic insulators and heavy duty gold plated contacts; designed to accept heavy-gauge bare cables, lugs, or banana plugs.

Power Supply:

2.5 kVA toroidal power transformer.
240,000 uF of storage capacitance.

Input Sensitivity (for rated power; 8 Ohm load):

2.6 V

Gain:

29 dB

Input Connections:

RCA; unbalanced (audiophile quality, machined, solid brass, gold plated); one per channel.
XLR; balanced; one per channel.

Input Impedance:

100k ohms (unbalanced).
51k ohms (balanced).

Trigger:

Trigger Input: 5 - 20 V (AC or DC); <10 mA input current required.
Trigger Output: 12 VDC; can drive any load up to 50 mA.

Power Requirements:

115 VAC or 230 VAC +/- 10% @ 50 / 60 Hz (auto-switching).

Protection:

The XPR-2 is protected against excessive operating temperature, shorted speaker connections, ground faults, and other common fault conditions. If a fault occurs on one or more channels of the XPR-2, the LED above the Standby button, the Channel Status LEDs, and the LED Bargraph Meter LEDs associated with the channel that is reporting the fault will flash red. Returning the XPR-2 to Standby or switching off the AC Power will reset the protection circuitry.

Dimensions:

17" wide x 9.5" high 19.5" deep (includes feet and binding posts);
requires additional 4" of depth clearance to accommodate the power cord.

Weight:

100 lbs (net); 114 lbs (boxed).

Troubleshooting

The XPR-2 is carefully designed and manufactured from high-quality precision components to ensure years of trouble free operation. We really doubt you'll ever have any problems with your XPR-2 but, if you do, here are a few things you could try:

Problem: No sound is heard from either channel (nothing is lit).
Reason: You have no AC power.

- Verify that the rear panel AC Power switch is On.
- Verify that your circuit is live.
- Verify that the line cord on the XPR-2 is fully inserted and is tight.

Problem: The XPR-2 is operating normally, but the front panel LED Meters aren't operating.
Reason: The front panel LED Meters are set to Off.

- The Meter button controls whether the LED Bargraph Meters, Status LEDs, and Accent Lights are lit. The button cycles through All On, Status LEDs only, All Off, Status LEDs only, and Status LEDs plus Accent Lighting (but not Meters), each time it is pressed.

Problem: The XPR-2 is operating normally, but the front panel accent illumination isn't lit (the blue vertical illuminated slots toward the sides).
Reason: The front panel accent illumination is set to Off.

- The Meter button controls whether the LED Bargraph Meters, Status LEDs, and Accent Lights are lit. The button cycles through All On, Status LEDs only, All Off, Status LEDs only, and Status LEDs plus Accent Lighting (but not Meters), each time it is pressed.

Problem: No sound or distorted sound is heard from one or more channels; the Standby LED is lit blue; the Channel Status LEDs are all lit blue.
Reason: The XPR-2 is not indicating a Fault condition.

- Check your source.
- Check your speaker connections and speakers.

Problem: No sound is heard; the Standby LED is flashing red and one or both rows of Channel Status and LED Bargraph Meter LEDs are flashing red.

Reason: The XPR-2 is in Protect mode, which indicates a Fault condition.

- Switch the AC Power switch Off and On to clear the Fault condition.
- If the fault remains, look for a shorted speaker cable or damaged speaker.
- Check your sources and source connections (a bad interconnect, DC on the input, or an otherwise bad source component can cause a fault).

Problem: The Standby LED is red and the XPR-2 fails to come on when triggered.

Reason: The XPR-2 is in Standby mode and should respond to a valid trigger signal.

- Check your trigger cable.
- Check the trigger settings on your source equipment.

Emotiva Audio Corporation Five-Year Limited Warranty

What does this warranty cover? Emotiva Audio Corporation ("Emotiva") warrants its products against defects in materials and workmanship.

How long does this coverage last? This warranty commences on the date of retail purchase by the original retail purchaser and runs for a period of five years thereafter. This warranty is transferrable to any person that owns the warranted product during the Term. Emotiva warrants any replacement product or part furnished hereunder against defects in materials and workmanship for the longer of the following: (i) the amount of time remaining under the original warranty, or (ii) 120 days from your receipt of the repaired or replaced product. The duration described in the previous 2 sentences is hereinafter referred to as the "Term". TO THE FULLEST EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES RELATED TO THE ORIGINAL PRODUCT AND ANY REPLACEMENT PRODUCT OR PARTS (INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE EXPRESSLY LIMITED TO THE TERM OF THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. A claim under this warranty must be made by you within the Term. A claim shall not be valid (and Emotiva has no obligation related to the claim) if it is not made within the Term and if it is not made in strict compliance with the requirements of the "How do you get service?" section.

What will Emotiva do? Emotiva will, at its option, either: (i) repair the product, or (ii) replace the product with a new consumer product which is identical or reasonably equivalent to the product. Emotiva may provide you with a refund of the actual purchase price of the product in the event (i) Emotiva is unable to provide replacement and repair is not commercially practicable or cannot be timely made, or (ii) you agree to accept a refund in lieu of other remedies hereunder. When a product or part is repaired or replaced, any replacement item becomes your property and the replaced item becomes Emotiva's property. When a refund is given, the product for which the refund is provided must be returned to Emotiva and becomes Emotiva's property.

What is not covered by this warranty? This warranty does not apply: (i) to damage caused by use with non-Emotiva products, where the non-Emotiva product is the cause of the damage; (ii) to damage caused by service or maintenance performed by anyone who is not a representative of Emotiva; (iii) to damage caused by accident, abuse, misuse, flood, fire, earthquake or other external causes; (iv) to a product or part that has been modified after its retail purchase, where the modification caused or contributed to the damage; (v) to consumable parts, such as batteries; or (vi) if any Emotiva serial number has been removed or defaced and Emotiva cannot otherwise confirm that you are the original retail purchaser.

EMOTIVA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR RELATED TO ANY DEFECTS IN OR DAMAGES TO ITS PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

How do you get service?   In order to make a claim under the warranty, you must:

1.	Call a customer service representative ("CSR") of Emotiva at (1-877-EMO-TECH / 1-877-366-8324). Provide the CSR with a description of your problem and the serial number of the product for which the warranty claim is being made.

2.	The CSR will provide you with a returned material authorization number ("RMA").

3.	Ship the product to Emotiva at the following address, with the RMA written in large, bold numbers on the outside of the box, and with the letters "RMA" written before the number. Parcels arriving without a RMA number on the outside of the box will be refused.

	Emotiva Audio Corporation
	Attn: Repair Department
	135 Southeast Parkway Court
	Franklin, TN 37064

How does state law apply? This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Accessories

Speaker cables

Using high-quality speaker cables and audio interconnects will ensure that you get the best sound quality and maximum reliability from your XPR-2 and the speakers connected to it. Emotiva Audio offers high-quality speaker cables and audio interconnects that feature solid engineering, premium build quality, excellent performance, and reasonable cost (you will find them in the Interconnects section of our website at www.emotiva.com).

Rack mount adapters

Special heavy duty rack mount brackets for the XPR-2 are available in the Accessories section of our website at www.emotiva.com. These include custom, magnetically mounted, matching dress panels that conceal the rack mounting hardware.

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All information contained in this manual is accurate to the best of our knowledge at the time of publication. In keeping with our policy of ongoing product improvement, we reserve the right to make changes to the design and features of our products without prior notice.

EMOTIVA